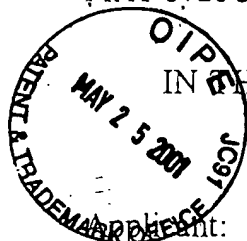


P12826-05

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3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: R. Imanaka

: Art Unit:

Serial No.: ~~TO BE ASSIGNED~~ 09/632,139

: Examiner:

Filed: ~~Harwich~~ August 3, 2000FOR: SERVER APPARATUS,
SUBSCRIBER APPARATUS AND
INFORMATION ON DEMAND SYSTEMCERTIFICATE UNDER 37 CFR 3.73 (b)Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7692, Frame 0439, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.


I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by

fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : April 11, 2001

Name : Dr. Osamu Yamazaki

Title : Director

Signature : 



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 08, 1996

JAMES C. SIMMONS
RATNER & PRESTIA
P.O. BOX 980
500 N. GULPH ROAD
VALLEY FORGE, PA 19482

RECEIVED

MAR 14 1996

RATNER & PRESTIA



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/13/1995

REEL/FRAME: 7692/0439
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
IMANAKA, RYOICHI

DOC DATE: 09/26/1995

ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006 OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571

SERIAL NUMBER: 08503604
PATENT NUMBER:

FILING DATE: 07/18/1995
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Practitioner's Docket No. MAT-3720US4



P12826-05
PATENT 3

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION (DIVISIONAL)

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,790,172

Date Patent Issued: 08/04/1998

Title of Invention: SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM

I am an assignee owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co., Ltd.

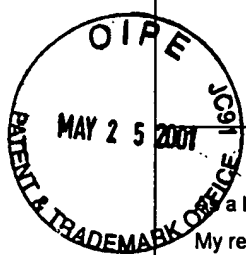
A handwritten signature in black ink, appearing to read "Osamu Yamazaki", written over a horizontal line.

Signature of person signing for assignee

Date: April 11, 2001

Dr. Osamu Yamazaki
Director

P12826-05



Divisional
**REISSUE APPLICATION SUBSTITUTE
DECLARATION BY THE INVENTOR**

Docket Number (Optional)
MAT-3720US4

★
3

I, a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,790,172, granted August 4, 1998, and for which a

reissue patent is sought on the invention entitled SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM,

the specification of which

☐ is attached hereto.

☒ was filed on August 3, 2000 as reissue application number 09/ 632,139
and was amended on _____

(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

During the prosecution of the application that issued as the above patent, I did not recognize that the features disclosed at column 2, line 37 through column 3, line 10 and column 7, lines 20-35 were appropriate to claim. As such, I did not claim all that I had a right to claim. This error was made without deceptive intent.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which the priority date is claimed:

Prior Foreign Application(s)

6-166695 Japan 19/July/1994 Priority Not Claimed

(Number) (Country) (Day/Month/Year Filed) ☐

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
MAT-3720US4

All errors corrected in this reissue application arose without any deceptive intention on the part of the Applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Lawrence E. Ashery

34,515

(additional names listed on separate sheet)

Correspondence Address: Direct all communications about the application to:

☐

Customer Number

OR

Type Customer Number here

Place Customer Number
Bar Code Label here☒ Firm or
Individual Name

Ratner & Prestia

Address

P.O. Box 980

Address

City

Valley Forge,

State

PA

ZIP

19482

Country

U.S.

Telephone

(610) 407-0700

Fax

(610) 407-0701

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Ryoichi Imanaka

Inventor's signature

Ryoichi Imanaka

Residence

Hirakata, Japan

Date

April 11, 2001

Mailing Address

3-2-6, Kuzuha Misaki, Hirakata-shi, Osaka 573 Japan

Citizenship

Japanese

Full name of second joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship

Mailing Address

Full name of third joint inventor (given name, family name)

Inventor's signature

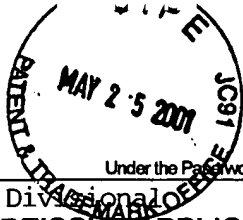
Date

Residence

Citizenship

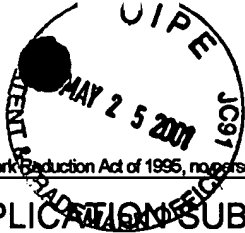
Mailing Address


☐ Additional joint inventors are named on separately numbered sheets attached hereto.



P12826-05

| | | |
|---|---|--|
| Divisional REISSUE APPLICATION SUBSTITUTE DECLARATION BY THE ASSIGNEE | | Docket Number (optional) MAT-3720US4 |
| I hereby declare that: I am authorized to act on behalf of the following assignee: <u>Matsushita Electric Industrial Co., Ltd.</u> and the title of my position with said assignee is: <u>Director</u> The entire title to the patent identified below is vested in said assignee. | | |
| Name of Patentee(s): Ryoichi Imanaka | | |
| Patent Number 5,790,172 | Date of Patent Issued August 4, 1998 | |
| Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM | | |
| I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____. the specification of which <input type="checkbox"/> is attached hereto. <input checked="" type="checkbox"/> was filed on <u>August 3, 2000</u> as reissue application number <u>09/ 632,139</u> and was amended on _____ (If applicable) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.) <input type="checkbox"/> by reason of a defective specification or drawing. <input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent. <input type="checkbox"/> by reason of other errors. At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above patent, the inventor, Ryoichi Imanaka did not recognize that the features disclosed at column 2, line 37 through column 3, line 10 and column 7, lines 20-35 were appropriate to claim. As such, Mr. Imanaka did not claim all that he had a right to claim. This error was made without deceptive intent. I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which the priority date is claimed: Prior Foreign Application(s) <u>6-166695</u> <u>Japan</u> <u>19/July/1994</u> Priority Not Claimed (Number) (Country) (Day/Month/Year Filed) <input type="checkbox"/> | | |



| | | | |
|---|------------------|--|----------------|
| Divisional REISSUE APPLICATION SUBSTITUTE DECLARATION BY THE ASSIGNEE | | Docket Number (Optional) MAT-3720US4 | |
| I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. | | | |
| Name(s) Lawrence E. Ashery | | Registration Number 34,515 | |
| (additional names listed on attached sheet) | | | |
| Correspondence Address: Direct all communications about the application to: | | | |
| <input type="checkbox"/> Customer Number | | <div style="border: 1px solid black; padding: 5px; display: inline-block;">Place Customer Number Bar Code Label Here</div> | |
| OR | | Type Customer Number Here | |
| <input checked="" type="checkbox"/> Firm or Individual Name | Ratner & Prestia | | |
| Address | P.O. Box 980 | | |
| Address | | | |
| City | Valley Forge | State | PA Zip 19482 |
| Country | U.S. | | |
| Telephone | (610) 407-0700 | Fax | (610) 407-0701 |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. | | | |
| Full name of person signing (given name, family name) Dr. Osamu Yamazaki | | | |
| Signature  | | Date April 11, 2001 | |
| Address of Assignee 1006, Oaza Kadoma, Kadoma-shi Osaka 571 Japan | | | |
| Patentee Ryoichi Imanaka | | Citizenship Japanese | |
| Residence/Post Office Address 3-2-6, Kuzuha Misaki, Hirakata-shi, Osaka 573 Japan | | | |
| Patentee | | Citizenship | |
| Residence/Post Office Address | | | |
| <input type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto. | | | |

P12826-05

PTO/SB/54 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | |
|---|--|---|
| DIVISIONAL REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT | | Docket Number (Optional) MAT-3720US4 |
|---|--|---|

This is part of the application for a reissue patent based on the original patent identified below.

| |
|---|
| Name of Patentee(s): Ryoichi Imanaka |
|---|

| | |
|----------------------------|--------------------------------------|
| Patent Number 5,790,172 | Date Patent Issued August 4, 1998 |
|----------------------------|--------------------------------------|

| |
|---|
| Title of Invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM |
|---|

Matsushita Electric Industrial Co., Ltd. is the assignee of the entire interest in the original patent.

I offer to surrender the original patent.

☒ A certificate under 37 CFR 3.73(b) is attached.

I am authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.


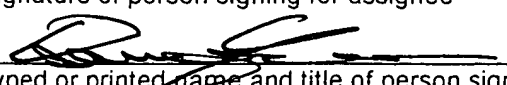
| |
|--|
| Name of assignee Matsushita Electric Industrial Co., Ltd. |
|--|

| | |
|--|------------------------|
| Signature of person signing for assignee | Date April 11, 2001 |
|--|------------------------|

| |
|--|
| Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director |
|--|

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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|---|--------------------------------------|--|
| DIVISIONAL REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT | | Docket Number (Optional) MAT-3720US4 |
| <p>This is part of the application for a reissue patent based on the original patent identified below.</p> | | |
| Name of Patentee(s) Ryoichi Imanaka | | |
| Patent Number 5,790,172 | Date Patent Issued August 4, 1998 | |
| Title of invention SERVER APPARATUS, SUBSCRIBER APPARATUS AND INFORMATION ON DEMAND SYSTEM | | |
| <p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p> | | |
| Signature  | Date April 11, 2001 | |
| Typed or printed name Ryoichi Imanaka | | |
| The assignee owning an undivided interest in said original patent is <u>Matsushita Electric Industrial Co., Ltd.</u> , and the assignee consents to the accompanying application for reissue. | | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed. | | |
| Name of assignee Matsushita Electric Industrial Co., Ltd. | | |
| Signature of person signing for assignee  | Date April 11, 2001 | |
| Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director | | |

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.